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**From:** Mooney, Susan [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=696C38B8CA96451B8106D113B9EBEA69-SMOONEY]  
**Sent:** 8/8/2017 1:55:19 PM  
**To:** KLESMITH, DANIELA [DKLESMIT@idem.IN.gov]  
**Subject:** RE: follow-up on clean closure/re-use of pond question

Hi Daniela,

EPA HQ staff accepted, so we are on for the call this afternoon. Thanks for sharing Duke's discussion. It is very helpful in better understanding the situation.

Susan Mooney  
Chief, Municipal and Industrial Materials Section  
Materials Management Branch/Land and Chemicals Division  
US EPA Region 5  
312-886-3585

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**From:** KLESMITH, DANIELA [mailto:DKLESMIT@idem.IN.gov]  
**Sent:** Monday, August 07, 2017 2:22 PM  
**To:** Mooney, Susan <mooney.susan@epa.gov>  
**Cc:** Joniskan, Rebecca <RJoniska@idem.IN.gov>; Jackson, Mary <Jackson.Mary@epa.gov>  
**Subject:** RE: follow-up on clean closure/re-use of pond question

Susan, thanks for the follow up. I'm attaching Duke's discussion on this questions. This may help you to understand the issue a little better. Some of the discussion is pertaining to IDEM rules, but significant portion (page 6 thru 9) deals with closure-by-removal issue. IDEM recommended composite liner system with leak detection to monitor performance of the new pond constructed in the location of the old pond that is proposed to be closed by "closure -by-removal" method and prevent future leakage form the new pond. I'm available for a conference call tomorrow (Tuesday) any time until 4:15PM EDT, Wednesday after 3 PM, Thursday after 1:00PM and any time Friday. Becky is on vacation this week, so she will not be able to join us.

Thanks for your help.

Daniela Klesmith, Engineering Technical Advisor  
Indiana Department of Environmental Management  
Office of Land Quality  
(317) 232-8840

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**From:** Mooney, Susan [mailto:mooney.susan@epa.gov]  
**Sent:** Monday, August 07, 2017 11:51 AM  
**To:** KLESMITH, DANIELA <DKLESMIT@idem.IN.gov>  
**Cc:** Joniskan, Rebecca <RJoniska@idem.IN.gov>; Jackson, Mary <Jackson.Mary@epa.gov>  
**Subject:** follow-up on clean closure/re-use of pond question

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Hi Daniela,

It was good to see you on Wednesday, although I'm sorry we didn't get a chance to catch up! I spoke to Mary Jackson this morning about the questions IDEM raised on CCRs, and I think we may need a little more information on the one related to clean closure/re-use of the pond – this is what was submitted in the survey monkey:

- If the facility removed the waste but does not certify that all the contaminants are removed, can the facility re-purpose the pond (non CCR use) and still utilize closure by removal option?

During the meeting we discussed whether a certification is required for closure by removal. 257.102 (f)(3) requires the o/o to obtain a certification from a PE verifying that closure has been completed according to the facility's closure plan. So this would apply if the unit's closure plan was to close by removal of CCR (or by leaving waste in place).

My guess is that this still doesn't address the issue, but we are struggling to understand the situation. Would you have time this week for a follow-up call with my colleagues in HQ?

Susan Mooney  
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